Feb/19/2004

Carbon-Carbon Composite Specimen Specs

Fiber Materials, Inc.
5 Morin Street, Biddeford, ME 04005-4497
Attn: Keith Meiler

Dear Keith,

Attached are the descriptions of the marking/engraving we discussed and agreed earlier today.
As you see in the schematics the PRINCIPAL orientation is to be designated with the letter **X** and the x/y-45^{o} with the letter **F.**

Quantities of specimens to be marked:

Y-direction TENSILE specimens = **20**
Y-direction CTE specimens = **16**
X/Y-45^{o} TENSILE specimens = **20**
X/Y-45^{o} CTE specimens = **16**

Let me know of any issues regarding the ID format.

Regards

Nick

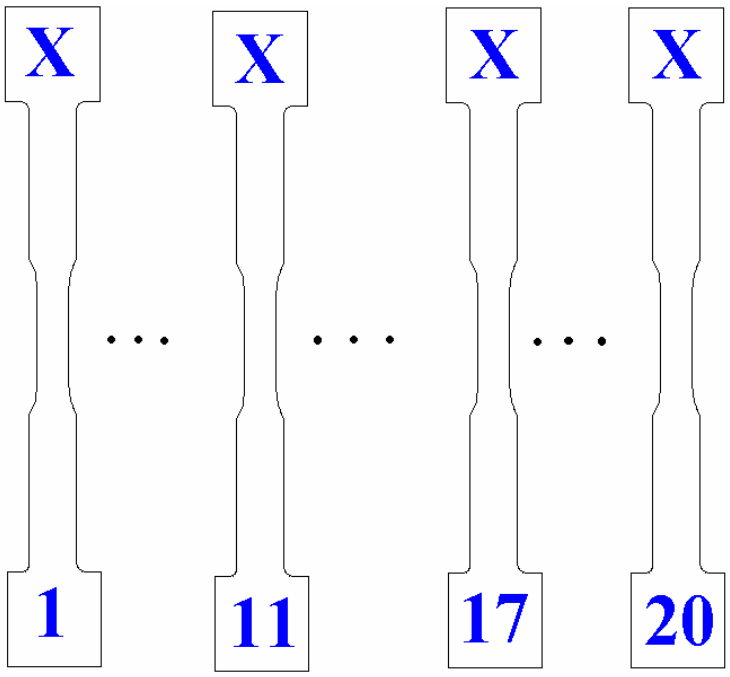


Figure 1. C-C Tensile Specimen Marking (principal orientation)

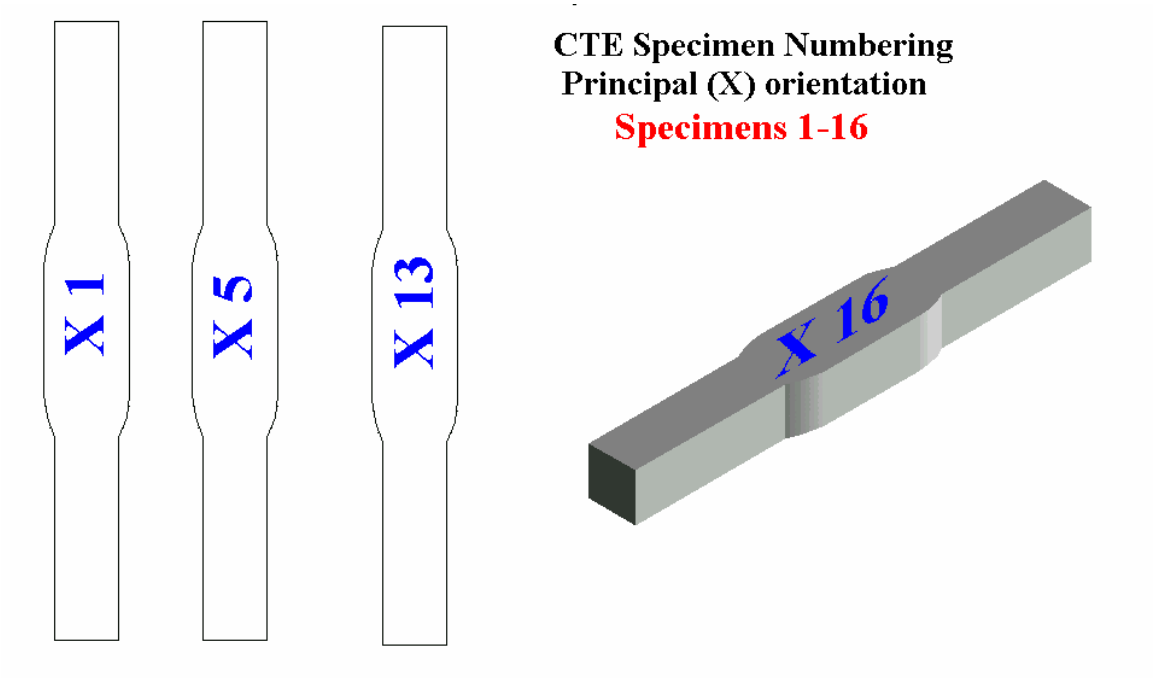
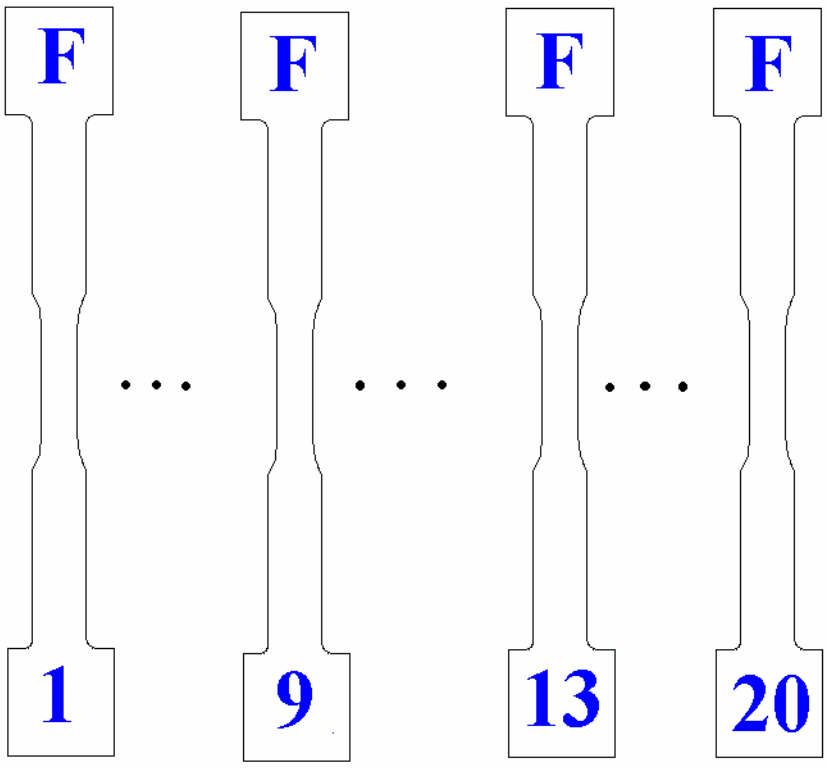


Figure 2. C-C CTE Specimen Marking (principal orientation)



Tensile Specimen Marking - x/y 45 deg. Orientation

Figure 3. C-C Tensile Specimen Marking **(x/y 45° orientation)**

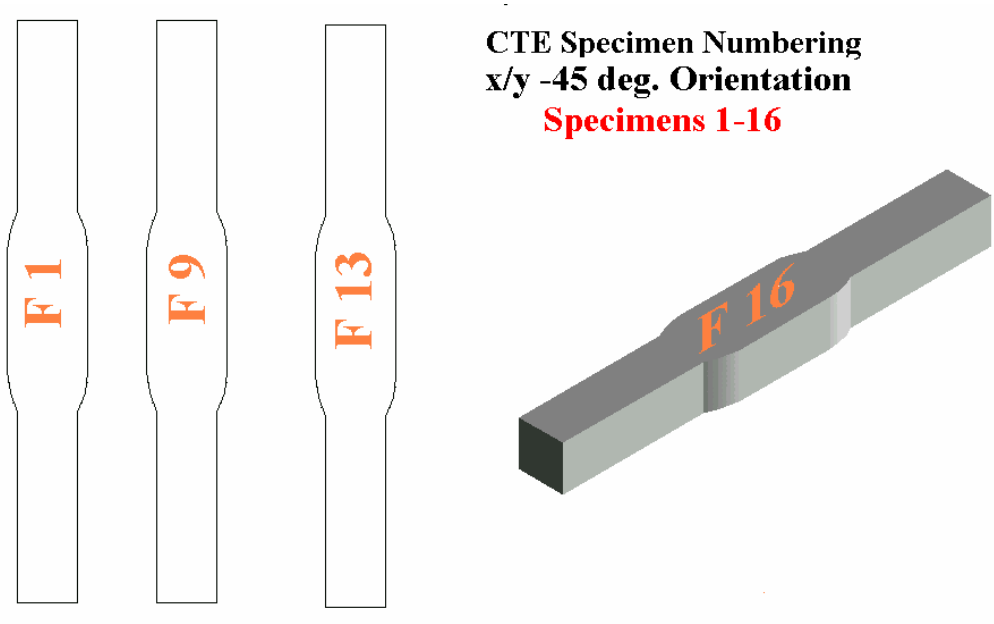


Figure 4. C-C CTE Specimen Marking **(x/y 45° orientation)**